

## INTERNATIONAL SEARCH REPORT

IB2004/050821

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/1335 G02F1/13363 G02F1/1333

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 2003/043323 A1 (ROOSENDAAL SANDER JURGEN ET AL) 6 March 2003 (2003-03-06) paragraphs '0001!, '0004!, '0006!, '0007!, '0010!, '0023!, '0024!, '0034!, '0038!; figure 1 ----- -/--	1-3,7 4-6

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*G\* document member of the same patent family

Date of the actual completion of the international search

15 September 2004

Date of mailing of the international search report

23/09/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5618 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Thomas, K

# INTERNATIONAL SEARCH REPORT

IB2004/050821

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ROOSENDAL S J ET AL: "NOVEL HIGH PERFORMANCE TRANSFLECTIVE LCD WITH A PATTERNED RETARDER" 2003 SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS. BALTIMORE, MD, MAY 20 - 22, 2003, SID INTERNATIONAL SYMPOSIUM DIGEST OF TECHNICAL PAPERS, SAN JOSE, CA : SID, US, vol. VOL. 34 / 1, 20 May 2003 (2003-05-20), pages 78-81, XP001171710	1,3
Y	abstract paragraphs '0002!, '0005!, '0006!; figure 4	4-6
Y	EP 1 109 053 A (SONY-CORP) 20 June 2001 (2001-06-20) abstract paragraphs '0005!, '0016! - '0020!; figures 1A,2	4-6
Y	US 6 280 889 B1 (HSIEH TING-CHIANG ET AL) 28 August 2001 (2001-08-28) abstract columns 3-4; figure 2	4-6

# INTERNATIONAL SEARCH REPORT

IB2004/050821

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003043323	A1	06-03-2003	EP	1449024 A2		25-08-2004
			WO	03019276 A2		06-03-2003
EP 1109053	A	20-06-2001	JP	2001166289 A		22-06-2001
			EP	1109053 A2		20-06-2001
			US	2001004276 A1		21-06-2001
US 6280889	B1	28-08-2001	US	6160599 A		12-12-2000
			US	5929955 A		27-07-1999
			US	6226063 B1		01-05-2001
			US	6147736 A		14-11-2000
			US	6078373 A		20-06-2000